

CLAIMS

Claims 1-18 (Cancelled)

19. (Currently amended) A system for developing a banking transaction processing system that processes banking transactions for accounts, wherein terminals can request banking transactions by sending messages to the banking transaction processing system, comprising:

at least one processor; and

at least one memory accessible by the processor, wherein the at least one memory

includes:

a business platform, ~~stored on a computer useable medium;~~ that comprises platform independent program code for receiving messages and processing the banking transactions, the business platform including:

a set of application transactions, wherein each application transaction can process a unique banking transaction and can undo the unique banking transaction after the unique banking transaction has been mistakenly processed;

a main module for processing a banking transaction and an undo request for a previously processed banking transaction, wherein the main module initiates at least one of the set of application transactions based on a message received from a terminal and comprising one of the banking transaction and the undo request; and

a message formatter module for providing data on banking transactions based on the messages requesting the banking transactions;

a set of knowledge blocks, wherein each knowledge block can implement a unique banking operation and can undo the unique banking operation after the unique banking operation has been mistakenly processed, wherein at least one application transaction triggers at least one knowledge block to process the unique banking transaction;

a set of system processing functions for providing a platform independent interface between the business platform and a server; and

an interface that allows a user to add each of a new application transaction and a new knowledge block.

20. (Previously presented) The system of claim 19, further comprising a set of common functions, wherein each common function performs a unique business function, and wherein at least one knowledge block uses at least one common function to implement the unique banking operation.

21. (Previously presented) The system of claim 19, further comprising:

a data dictionary that defines data requirements; and

a generator that can automatically generate a data layout based on the data dictionary, wherein the data layout is used by the business platform.

22. (Previously presented) The system of claim 19, further comprising a set of accounting application servers, wherein each accounting application server processes an accounting entry, and wherein at least one application transaction generates at least one accounting entry.

23. (Previously presented) The system of claim 19, wherein at least one of a group consisting of the business platform, the set of knowledge blocks, and the set of system processing functions comprises a set of skeletons, wherein each skeleton includes common processing logic for implementing a desired function, and wherein the interface allows a user to modify each skeleton.

24. (Previously presented) The system of claim 19, wherein the business platform further includes a database interface module for providing a platform independent interface between the main module and at least one database.

25. (Previously presented) The system of claim 19, wherein the business platform further includes a file interface module for providing a platform independent interface between the main module and a file system of a computer.

26. (Previously presented) The system of claim 19, wherein the business platform further includes a centercut control module for processing a batch job having banking transactions, wherein each banking transaction is implemented by the main module.

27. (Previously presented) The system of claim 19, wherein the business platform further includes an online report module for providing an interface between the terminals and a report generator.

28. (Previously presented) The system of claim 19, wherein the business platform further includes an external interface module for providing a platform independent interface between the main module and the terminals.

29. (Previously presented) The system of claim 28, wherein each terminal is selected from a group consisting of: an automatic telling machine, a teller terminal, a point-of-sale terminal, a credit card machine, and a personal computer.

30. (Previously presented) The system of claim 19, wherein the business platform further includes a testing driver for simulating a terminal.

31. (Previously presented) The system of claim 19, wherein each business transaction is selected from a group consisting of: a current deposit, a fixed deposit, a withdrawal, a loan, a settlement, a credit card transaction, a debit card transaction, an accounting, an electronic remittance, an inquiry, and a clearance.

32. (Currently amended) A system for processing banking transactions, comprising:

a plurality of terminals for generating messages, wherein each message requests a banking transaction; and

at least one computer, wherein the at least one computer includes:

a business platform; ~~stored on at least one computer;~~ including:

a set of application transactions, wherein each application transaction can process a unique banking transaction and can undo the unique banking transaction after the unique banking transaction has been mistakenly processed;

a main module for processing a banking transaction and an undo request for a previously processed banking transaction, wherein the main module initiates at least one of the set of application transactions based on a message received from a terminal and comprising one of the banking transaction and the undo request;

a message formatter module for providing data on a banking transaction based on a message requesting the banking transaction;

a database interface module for providing a platform independent interface between the main module and at least one database;

an external interface module for providing a platform independent interface between the main module and the terminals; and

a file interface module for providing a platform independent interface between the main module and a file system of the at least one computer;

a set of knowledge blocks, wherein each knowledge block can perform a unique banking operation and can undo the unique banking operation after the unique banking operation has been mistakenly processed, and wherein at least one banking transaction is processed using at least one banking operation; and

a set of system processing functions for providing a platform independent interface between the business platform and each of the at least one computer.

33. (Previously presented) The system of claim 32, wherein the business platform further includes a centercut control module for processing a batch job having a plurality of banking transactions, wherein each banking transaction is processed using the main module.

34. (Previously presented) The system of claim 32, wherein the business platform further includes an online report module for providing an interface between the terminals and a report generator.

35. (Previously presented) The system of claim 32, further comprising a set of common functions, wherein each common function can perform a unique business function, and wherein at least one banking operation includes at least one business function.

36. (Previously presented) The system of claim 32, wherein each terminal is selected from a group consisting of: an automatic telling machine, a teller terminal, a point-of-sale terminal, a credit card machine, and a personal computer.

37. (Previously presented) The system of claim 32, wherein each business transaction is selected from a group consisting of: a current deposit, a fixed deposit, a withdrawal, a loan, a settlement, a credit card transaction, a debit card transaction, an accounting, an electronic remittance, an inquiry, and a clearance.

38. (Currently presented) A method of developing a banking transaction processing system that includes a business platform for processing banking transactions, comprising:

providing a data dictionary that defines a set of data requirements;

providing a set of skeletons that define the business platform, wherein each skeleton comprises platform independent program code that includes common processing logic for a desired function of the skeleton;

providing a set of file definition files, wherein each file definition file defines a set of properties for a file;

automatically generating a data layout based on the data dictionary, wherein the business platform uses the data layout;

automatically generating a database interface module based on the data layout, wherein the database interface module provides a platform independent interface between the business platform and at least one database;

automatically generating a file interface module based on the set of file definition files, wherein the file interface module provides a platform independent interface between the business platform and a file system of a computer; and

allowing a user to modify the set of skeletons;

wherein the business platform includes:

a set of application transactions, wherein each application transaction can process a unique banking transaction and can undo the unique banking transaction after the unique banking transaction has been mistakenly processed; and

a main module for processing a banking transaction and an undo request for a previously processed banking transaction, wherein the main module initiates at least one of the set of application transactions based on a message received from a terminal and comprising one of the banking transaction and the undo request.